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Interactive comment on “Identifying environmental controls on vegetation greenness phenology through model-data integration” by M. Forkel et al.

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I noticed that parts of the figure caption for Figure 3 in our response are missing. Here is the full figure caption:

Figure 3: Extrapolation capabilities of LPJmL-GSI in terms of monthly FAPAR dynamics. (a) Correlation coefficient between monthly FAPAR time series from LPJmL-GSI and GIMMS3g (1982–2011). Areas without vegetation, with more than 50% agricultural use, or without data are excluded (white). (b) The map shows the distance between each 0.5° grid cell and the closest grid cell that was used in a PFT-level optimization experiment of LPJmL-GSI (GSI.pft). (c) Scatterplot between the correlation coefficient from (a) and the distance from (b) coloured by the Köppen-Geiger climate type of each grid cell. Lines are smoothing splines fitted to the quantile 0.5 of the correlation coefficient.

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cient for each climate type. Star symbols indicate the p-value of a Wilcoxon rank-sum test if the correlation coefficients of distant grid cells (between 600 and 800 km, indicated by vertical dashed lines) are significant lower than of close grid cells (≤ 200 km). (d) Scatterplot between the correlation coefficient from (a) and the difference in mean annual temperature between each grid cell and the corresponding closest grid cell. Star symbols indicate the p-value of a Wilcoxon rank-sum test if the correlation coefficients of warmer grid cells (between $+3$ and $+5^{\circ}\text{C}$) are significant lower than of grid cells with similar temperature ($\pm 1^{\circ}\text{C}$).

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